

2002년 세계 항공우주 100대 기업

순위	기업명	매출액 (억 달러)	매출액 변화 (%)	이익액 (억 달러)	이익률 (%)	영업이익률 (%)	순이익률 (%)	ROE (%)
1(1)	Boeing(USA)	53,344	-7%	4,315	1%	8.00%	13.30%	-15.30%
2(2)	EADS(Netherlands)	28,182	-3%	1,344	-16%	4.80%	3.50%	2.40%
3(3)	Lockheed Martin(USA)	26,562	11%	1,158	39%	4.40%	7.30%	-5.10%
4(4)	BAE Systems(UK)	18,236	-8%	581	-49%	3.20%	4.30%	-8.20%
5(7)	Northrop Grumman(USA)	18,126	27%	1,391	35%	8.10%	4.50%	57.90%
6(5)	Raytheon(USA)	17,449	5%	1,754	129%	10.50%	9.30%	-1.50%
7(6)	United Technologies(USA)	13,216	1%	3,859	13%	13.70%	18.20%	-5.00%
8(8)	General Electric(USA)	11,141	5%	29,107	-5%	22.10%	7.40%	12.00%
9(9)	Honeywell International(USA)	8,855	-6%	2,508	-9%	11.30%	12.00%	-9.00%
10(12)	Thales(France)	8,035	8%	563	-11%	5.40%	9.80%	0.50%
11(10)	Bombardier(Canada)	7,194	9%	388	-64%	2.60%	3.60%	21.90%
12(15)	General Dynamics(USA)	6,970	15%	1,582	6%	11.40%	22.10%	24.60%
13(11)	Rolls-Royce(UK)	6,179	-9%	318	-32%	3.50%	4.90%	-17.00%
14(14)	Snecma(France)	6,130	-6%	439	-35%	7.20%	11.60%	28.50%
15(18)	Finmeccanica(Italy)	5,041	4.10%	416	7%	6.50%	7.90%	18.20%
16(16)	Textron(USA)	4,922	-13%	835	1%	7.80%	6.30%	-14.90%
17(19)	Mitsubishi Heavy Industries(Japan)	4,047	-9%	921	47%	4.50%	5.90%	-7.70%
18(25)	L-3 Communications(USA)	4,011	71%	454	65%	11.30%	10.00%	48.70%
19(17)	Goodrich(USA)	3,910	-7%	533	-17%	13.60%	12.00%	25.30%
20(21)	Dassault Aviation(France)	3,239	-1%	439	-5%	13.60%	18.80%	
21(20)	Alcatel(France)	2,819	-35%	-3,494	-74%	-22.40%	-24.70%	-22.90%
22(22)	Embraer(Brazil)	2,526	-14%	414	-32%	16.40%	20.30%	-12.40%
23(23)	Rockwell Collins(USA)	2,429	-12%	341	-24%	13.70%	22.80%	
24(24)	Eaton(USA)	2,456	-1%	348	0%	4.80%	6.40%	-11.00%
25(28)	GKN(UK)	2,255	-10%	345	0%	5.20%	10.30%	
26(30)	ITT Industries(USA)	2,098	7%	538	36%	10.80%	14.70%	22.20%
27(27)	MTU Aero Engines(Germany)	2,088	-11%					51.80%
28(29)	Israel Aircraft Industries(Israel)	2,060	0%	73	-28%	3.50%		
29(32)	Smiths Group(UK)	2,020	-35%	553	-21%	11.40%	18.60%	5.90%
30(31)	Ishikawajima-Harima(Japan)	1,910	-6%	197	-10%	2.40%	3.90%	
31(36)	Saab Group(Sweden)	1,608	5%	126	-23%	7.40%	10.20%	-36.40%
32(33)	ATK(USA)	1,562	21%	276	23%	12.70%	13.40%	30.30%
33(26)	Alcoa(USA)	1,500	-10%	1,164	-35%	5.70%	4.60%	5.40%
34(35)	Fiat(Italy)	1,446	-4%	-3,728	-849%	-7.10%		-3.80%
35(38)	Precision Castparts(USA)	1,330	10%	201	-31%	7.90%	10.90%	
36(34)	Kawasaki Heavy Industries(Japan)	1,237	8%	244	-2%	2.50%	6.70%	
37(37)	Parker-Hannifin(USA)	1,173	3%	301	-52%	4.90%	6.80%	-5.10%
38(40)	Zodiac(France)	1,135	-4%	187	-12%	13.10%	15.10%	
39(42)	Cobham(UK)	1,103	3%	165	8%	14.30%	18.00%	12.10%
40(43)	Vought Aircraft Industries(USA)	1,100						
41(41)	Sequa(USA)	981	-4%	61	136%	3.60%	4.30%	-20.90%
42(45)	Sagem(France)	941	-9%	117	212%	4.50%	5.20%	
43(44)	Harris(USA)	924	-4%	84	1,207%	4.50%	5.90%	-8.80%
44(39)	Volvo(Sweden)	909	-6%	292	525%	1.60%	1.70%	8.90%
45(46)	Loral Space & Communications(USA)	853	3%	-82	-1468%	-7.50%	-3.70%	-50.00%
46(47)	Elbit Systems(Israel)	827	8%	58	11%	7.00%	10.10%	-5.20%
47(51)	Indra(Spain)	823	13%	91	15%	11.00%	26.60%	8.10%
48(59)	KAI Korea Aerospace Industries(S Korea)	761	15%	41	11%	5.50%	5.10%	-32.10%
49(48)	Teledyne Technologies(USA)	758	4%	43	228%	5.50%	15.70%	-16.30%
50(49)	CAE(Canada)	720	0%	141	-8%	19.60%	12.40%	-87.30%

Rank: Indicates position in Top 100 based on 2002 aerospace sales. Last year's rank is in brackets./Aero Sales: Aerospace divisional sales for 2002 financial year.

\$M: Indicates figures in millions of US dollars./OP result: Operating profit/loss /CH: Change in percentage terms from 2001 figure

OP Margin: Operating margin as % of aerospace sales./ROCE: Return On Capital Employed /R&D: Research and Development.

51(54)	Dunlop Standard Aerospace(UK)	678	2%	103	-9%	15.30%	11.60%	
52(64)	DRS Technologies(USA)	674	31%	68	36%	10.00%	9.90%	
53(56)	Singapore Technologies Engineering(Singapore)	582	6%	209	-8%	14.30%	17.20%	-1.10%
54(58)	Triumph Group(USA)	565	70%	71	-16%	6.80%	9.40%	
55(62)	Fairchild(USA)	561	0%	27	26%	4.30%	3.40%	
56(69)	Orbital Sciences(USA)	556	33%	29	155%	5.30%	9.90%	-39.00%
57(57)	Teleflex(USA)	542	9%	206	0%	9.90%	15.70%	
58(52)	Hexcel(USA)	539	-16%	61	8%	7.10%	-85.20%	-21.00%
59(61)	Fuji Heavy Industries(Japan)	530	1%	707	-2%	6.50%	9.30%	-3%
60(53)	B/E Aerospace(USA)	504	-26%	-33	0%	-6.50%	-3.30%	0%
61(72)	Matsushita Electrical Industries(Japan)	500	-3%	4,295	346%	7.80%	10.50%	-3%
62(60)	Liebherr(Switzerland)	495						
63(63)	Hindustan Aeronautics(India)	493	17%	96	71%	19.40%	47.00%	80.70%
64(70)	Ball(USA)	491	5%	311	1,324%	8.10%	10.20%	26.20%
65(66)	Moog(USA)	466	2%	92	11%	12.80%	13.10%	24.80%
66(65)	Meggitt(UK)	466	-7%	91	-9%	14.90%	13.00%	-40.30%
67(71)	Lord(USA)	423	5%	25	-41%	5.90%		
68(77)	Ultra Electronics(UK)	391	9%	44	6%	11.40%	27.70%	7.00%
69(75)	Stork(Netherlands)	387	-5%	55	732%	2.80%		
70(88)	Kongsberg(Norway)	386	13%	51	23%	5.80%	12.40%	12.80%
71(79)	ITP(Spain)	365	5%	54	75%	14.90%	20.70%	37.70%
72(76)	K&F Industries(USA)	349	-2%	85	-11%	24.40%	25.00%	-9.80%
73(94)	Curtiss-Wright(USA)	341	50%	62	31%	12.10%	9.50%	165.20%
74(78)	Circor(USA)	331	-3%	30	-10%	9.20%	9.40%	7.70%
75(73)	DeCrane Holding(USA)	327	-18%	26	-3%	8.10%	5.50%	-32.60%
76(67)	Britax International(UK)	303	-19%	-2	-102%	0.30%	-0.20%	13.20%
77(68)	Aerostructures(USA)	300	-29%					
78(74)	Magellan Aerospace(Canada)	293	-25%	7	-77%	2.50%	2.10%	-26.30%
79(80)	Motorola(USA)	280	-11%	-3,446	37%	-12.90%	-16.10%	-13.10%
80(55)	GenCorp(USA)	277	-24%	86	-63%	7.60%	6.80%	-29.20%
81(81)	Kaman(USA)	276	0%	-36	-236%	-4.10%	-9.40%	14.80%
82(85)	Umeco(UK)	272	-5%	14	-9%	5.10%	12.20%	
83(82)	Woodward Governor(USA)	271	0%	75	-19%	11.10%	15.50%	20.70%
84(90)	Amphenol(USA)	266	-4%	174	-12%	16.40%	20.60%	7.00%
85(93)	RUAG(Switzerland)	264	-1%	41	-23%	6.30%	6.70%	
86(84)	Senior(UK)	247	-12%	22	-43%	3.70%	6.70%	18.80%
87(83)	Pilatus(Switzerland)	227	-27%	1	-92%	0.60%		-14.60%
88(87)	Gamesa(Spain)	223	48%	195	38%	18.90%		
89(89)	Japan Aircraft Manufacturing(Japan)	215	23%	12	-28%	4.80%	6.10%	
90(96)	DuCommun(USA)	212	-6%	17	-38%	8.10%	11.10%	
91(97)	Sonaca(France)	190	6%	19	4%	8.40%	7.90%	
92(91)	Denel(South Africa)	189	-9%	4	-63%	1.10%	2.70%	-49.10%
93(86)	Ericsson(Sweden)	183	-37%	-2,191	21%	-14.60%	-14.60%	-99.90%
94(92)	Doncasters(UK)	178	-25%					
95(95)	Ladish(USA)	177	-25%	3	-86%	1.70%	1.70%	-6.50%
96(98)	MAN(Germany)	175	-2%	369	-6%	2.40%	5.50%	-6.50%
97(100)	Heico(USA)	173	0%	22	-28%	13.00%	7.30%	68.00%
98(99)	LISI(France)	170	5%	58	5%	11.00%	14.20%	
99(-)	Latecoere(France)	159	-9%	20		12.40%	9.60%	
100(-)	Spectrum Astro(USA)	154						

자료: Flight International, 2003. 8.